

Set	Items	Description
S1	319	AU=(LAPSTUN P? OR LAPSTUN P?)
S2	1782250	FORM? ? OR DOCUMENT? ? OR PAPER OR SHEET? ?
S3	234802	VISIBLE OR INVISIBLE OR "NOT"()VISIBLE OR HIDDEN OR HIDE? ?
S4	1002984	SENS? OR DETECT?
S5	1470944	POSITION? OR POINT? ? OR LOCATION? ?
S6	242718	PRINT?
S7	879099	DATA OR INFORMATION OR INFO OR CODE? ?
S8	67973	AUCTION? ? OR BID OR BIDS OR TRANSACT?
S9	7802	S3(3N)S7
S10	1205	S9(15N)S2
S11	229	S10(S)S4
S12	146558	S4(5N)S5
S13	25	S10(S)S12
S14	9	S11(S)S8
S15	32	S13 OR S14
S16	23	S15 AND IC=G06?
File 348:EUROPEAN PATENTS 1978-2005/Jun W04		
(c) 2005 European Patent Office		
File 349:PCT FULLTEXT 1979-2005/UB=20050630,UT=20050623		
(c) 2005 WIPO/Univentio		

16/3,K/1 (Item 1 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01898247

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur Verwaltung von gesicherten Transaktionen und zum Schutz von elektronischen Rechten

Systèmes et procédés pour gerer des transactions sécurisees et pour protéger des droits électroniques

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434320), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1531379 A2 050518 (Basic)

APPLICATION (CC, No, Date): EP 2004078195 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00 ; G06F-017/60

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200520	173
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SPEC A	(English)	200520	167172
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Total word count - document A		167345
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Total word count - document B		0
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Total word count - documents A + B		167345
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INTERNATIONAL PATENT CLASS: G06F-001/00 ...

... G06F-017/60

...SPECIFICATION or more blocks of a preidentified nature, e.g., bytes, images, logically related blocks) that form a generally arbitrary, but logical to a user, content "deliverable." VDE control information (including budgeting, pricing and metering) can be configured so that it can specifically apply, as...information would point back to that individual and/or his or her VDE installation. Such hidden information will act as a strong disincentive that should dissuade a substantial portion of potential content...

...as well as credit provided by a clearinghouse. The card can act as a convergence point for financial activities of a consumer regarding many, if not all, merchant, banking, and on...

16/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01869029

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway,  
Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530,  
(US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane,  
London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1515216 A2 050316 (Basic)  
EP 1515216 A3 050323

APPLICATION (CC, No, Date): EP 2004078194 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00 ; G06F-017/60

ABSTRACT WORD COUNT: 144

NOTE:

Figure number on first page: 75C

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200511	276
SPEC A	(English)	200511	167210
Total word count - document A			167486
Total word count - document B			0
Total word count - documents A + B			167486

INTERNATIONAL PATENT CLASS: G06F-001/00 ...

... G06F-017/60

...SPECIFICATION or more blocks of a preidentified nature, e.g., bytes, images, logically related blocks) that **form** a generally arbitrary, but logical to a user, content "deliverable." VDE control **information** (including budgeting, pricing and metering) can be configured so that it can specifically apply, as...clear form copy of VDE controlled content, including making unauthorized copies of an authorized clear **form** copy, fingerprint information would point back to that individual and/or his or her VDE installation. Such **hidden information** will act as a strong disincentive that should dissuade a substantial portion of potential content...

...as well as credit provided by a clearinghouse. The card can act as a convergence point for financial activities of a consumer regarding many, if not all, merchant, banking, and on...non-volatile random access memory (NVRAM) 534b may be used for securely storing such highly sensitive information. NVRAM 534b is also used by SPU 500 to store data that may change...

16/3,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

00306058

Digital data processing system.

Digitales Datenverarbeitungssystem.

Système de traitement de données numériques.

PATENT ASSIGNEE:

DATA GENERAL CORPORATION, (410940), Route 9, Westboro Massachusetts 01581  
, (US), (applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

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Richmond, Michael S., Fearringtn Post Box 51, Pittsboro North Carolina 27312, (US)

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Wallach, Steven J., 12436 Green Meadow Lane, Saratoga California 95070, (US)

Wallach, Walter, A., Jr., 1336 Medfield Road, Raleigh North Carolina 27607, (US)

LEGAL REPRESENTATIVE:

Robson, Aidan John et al (69471), Reddie & Grose 16 Theobalds Road, London WC1X 8PL, (GB)

PATENT (CC, No, Kind, Date): EP 290111 A2 881109 (Basic)  
EP 290111 A3 890503  
EP 290111 B1 931222

APPLICATION (CC, No, Date): EP 88200917 820521;

PRIORITY (CC, No, Date): US 266404 810522

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 67556 (EP 823025960)

INTERNATIONAL PATENT CLASS: G06F-009/30

ABSTRACT WORD COUNT: 123

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1044
CLAIMS B	(German)	EPBBF1	890
CLAIMS B	(French)	EPBBF1	1185
SPEC B	(English)	EPBBF1	154314
Total word count - document A			0
Total word count - document B			157433
Total word count - documents A + B			157433

INTERNATIONAL PATENT CLASS: G06F-009/30

...SPECIFICATION associated through non-architectural pointers, described above. A Process 602 is effectively a body of **information** linking the resources, hardware, microcode, and software, of CS 101 to a user's Procedure...length and offset fields of logical descriptors by LENALU 20252 and OFFALU 20242, and for **generating** entries to MC 10226. SBIAS 23916's third input, L, is similarly provided from FUCTL...

16/3,K/4 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00284231

**Verifiable object.**

**Überprüfbarer Gegenstand.**

**Objet vérifiable.**

PATENT ASSIGNEE:

Rand McNally & Company, (937680), 8255 Central Park Avenue, Skokie Illinois 60076, (US), (applicant designated states:  
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Pease, Kevin John, 2535 Linda Ct., Glenview Illinois 60025, (US)  
Copella, Robert Allen, 1033 Sherman Road, Northbrook Illinois 60062, (US)  
Flannery, Ann Marie, 7301 North Ridge, No. 203, Chicago Illinois 60645, (US)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf Groening & Partner (100941), Maximilianstrasse 54,  
D-80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 275117 A2 880720 (Basic)  
EP 275117 A3 901003  
EP 275117 B1 931027

APPLICATION (CC, No, Date): EP 88100526 880115;

PRIORITY (CC, No, Date): US 3954 870116

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G06K-019/08 ; G07F-007/08

ABSTRACT WORD COUNT: 100

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1782
CLAIMS B	(German)	EPBBF1	330
CLAIMS B	(French)	EPBBF1	375
SPEC B	(English)	EPBBF1	9114
Total word count - document A			0
Total word count - document B			11601
Total word count - documents A + B			11601

INTERNATIONAL PATENT CLASS: G06K-019/08

...SPECIFICATION encrypted profile can then be recorded on the object either in optically visible or nonoptically **visible** machine readable **form** for later verification purposes.

It should be noted that in the event that it is...

...Figure 7A. In accordance with the flow chart of Figure 8, the five sets of **detected** data **points** **are** accumulated. Each set of data **points** contains in excess of 150 sample **points**. The most significant 10 **high** data **points** and the most significant 10 low data points are identified for each of the five...

...least 5% less than the two preceding and following data points. The initial 30 data **points** are ignored. The evaluation **to** determine the 10 most significant high points and the 10 most significant low points is

...

16/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00273462

**Input apparatus for computer.**

**Eingabevorrichtung fur einen Rechner.**

**Appareil pour l'entree de donnees dans un ordinateur.**

PATENT ASSIGNEE:

OMRON CORPORATION, (284765), 10, Tsuchido-cho Hanazono Ukyo-ku, Kyoto 616  
, (JP), (applicant designated states: GB)

INVENTOR:

Noda, Atsushi, Pat. Center Omron Tateisi El. Co. 20, Igadera,  
Shimokaiinji Nagaokakyo-shi Kyoto 617, (JP)  
Koizumi, Haruyuki, Pat. Center Omron Tateisi El. Co. 20, Igadera,  
Shimokaiinji Nagaokakyo-shi Kyoto 617, (JP)  
Sonoda, Shinya, Pat. Center Omron Tateisi El. Co. 20, Igadera,  
Shimokaiinji Nagaokakyo-shi Kyoto 617, (JP)  
Maeda, Shinji, Pat. Center Omron Tateisi El. Co. 20, Igadera,  
Shimokaiinji Nagaokakyo-shi Kyoto 617, (JP)

LEGAL REPRESENTATIVE:

Calderbank, Thomas Roger et al (50122), MEWBURN ELLIS York House 23  
Kingsway, London WC2B 6HP, (GB)

PATENT (CC, No, Kind, Date): EP 272070 A2 880622 (Basic)  
EP 272070 A3 891129  
EP 272070 B1 950301

APPLICATION (CC, No, Date): EP 87310981 871214;

PRIORITY (CC, No, Date): JP 86298164 861215; JP 86300626 861217

DESIGNATED STATES: GB

INTERNATIONAL PATENT CLASS: G06F-003/033

ABSTRACT WORD COUNT: 221

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	265
CLAIMS B	(English)	EPAB95	529
CLAIMS B	(German)	EPAB95	549
CLAIMS B	(French)	EPAB95	615
SPEC A	(English)	EPABF1	4911
SPEC B	(English)	EPAB95	5178

Total word count - document A 5176  
Total word count - document B 6871  
Total word count - documents A + B 12047

INTERNATIONAL PATENT CLASS: G06F-003/033

...SPECIFICATION regarding the registering and transmitting operations and the like are arranged.

The pad portion 4 detects the point at which the operator depressed the surface of the visible information sheet and outputs a signal indicative of the position (X and Y coordinates) of the depressed...

...4 has a concave portion 7 into which a transparent holder 6 is positioned. The visible information sheet is inserted into the transparent holder 6. The pad portion 4 also has a clip...operator sequentially depresses two corner points P(sub 1) and P(sub 2) on the visible information sheet S(sub 1) by a finger or the like (refer to Fig. 3), the answer in ST3 is "YES" and the positions of the depressed points are detected by the pad portion 4. The CPU 15 sets a rectangular area a (indicated by...

...SPECIFICATION regarding the registering and transmitting operations and the like are arranged.

The pad portion 4 detects the point at which the operator depressed the surface of the visible information sheet and outputs a signal indicative of the position (X and Y coordinates) of the depressed...

...4 has a concave portion 7 into which a transparent holder 6 is positioned. The visible information sheet is inserted into the transparent holder 6. The pad portion 4 also has a clip...operator sequentially depresses two corner points P(sub 1) and P(sub 2) on the visible information sheet S(sub 1) by a finger or the like (refer to Fig. 3), the answer in ST3 is "YES" and the positions of the depressed points are detected by the pad portion 4. The CPU 15 sets a rectangular area a (indicated by...

16/3,K/6 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01168945

OBTAINING PRODUCT ITEM ASSISTANCE

OBTENTION D'ASSISTANCE CONCERNANT UN PRODUIT

Patent Applicant/Assignee:

SILVERBROOK RESEARCH PTY LTD, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SILVERBROOK Kia, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality), (Designated only for: US)

LAPSTUN Paul, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), NO (Nationality), (Designated only for: US)

Legal Representative:

SILVERBROOK Kia (agent), Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200490803 A1 20041021 (WO 0490803)

Application: WO 2004AU437 20040402 (PCT/WO AU04000437)

Priority Application: AU-2003901617-20030407; AU-2003901795-20030415  
Designated States:  
(All protection types applied unless otherwise stated - for applications 2004+)  
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 123002

Main International Patent Class: G06K-019/06

International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... usage, and improve the customer experience.

There are two main contenders for individual item tagging: **visible** twodimensional bar **codes**, and radio frequency identification (RFID) tags.

There are a significant number of different bar code...wherein the sensing device generates indicating data indicative of at least one of (a) a position of the sensed coded data; (b) a position of the sensing device relative to the interface surface; (c) an orientation of the sensed coded data; and...

16/3,K/7 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01066614 \*\*Image available\*\*

METHOD AND SYSTEM FOR MEDIA

PROCEDE ET SYSTEME POUR CONTENU MULTIMEDIA

Patent Applicant/Inventor:

RISAN Hank, 515 Washington Street, Santa Cruz, CA 95060, US, US (Residence), US (Nationality)

FITZGERALD Edward Vincent, 100 Peach Terrace, Santa Cruz, CA 95060, US, US (Residence), US (Nationality)

Legal Representative:

GALLENSON Mavis S (et al) (agent), Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200396340 A2 20031120 (WO 0396340)

Application: WO 2003US14878 20030510 (PCT/WO US03014878)

Priority Application: US 2002379979 20020510; US 2002378011 20020510; US 2002218241 20020813; US 2002235293 20020904; US 2002304390 20021125; US 2002325243 20021218; US 2003364643 20030210; US 2003451231 20030228; US 2003430843 20030505; US 2003430477 20030505

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE  
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 222812

Main International Patent Class: G06F-001/00

Fulltext Availability:

Detailed Description

Detailed Description

... Program" code that correspond  
with each step of flow chart 2  
199  
Refer to mstreem document "patent41.Lxt"  
Specific lines of code refer to flow chart sections.

Flow chart.

Section A.

```
general http login page
sends user...content directory names to prev ent direct linking
my $sql
db = "Select dir from file - location
$sql-db .= "where band like V'$levelV`;
my $sth- db = $dbh->prepare($sql
db);
Ssth...
-----  

...while ref -> display of play lists loop
print "<br><br>I";
print "<Input type= hidden name=size value=$dir-cnt>";
7'-- $dbh->disconnect();
print " </ form >";
226
#end if (Submit)
4-- done displaying the selection list
.D
-----  

----- DISPLAY RESULTS OF SELECTIONS...
```

16/3,K/8 (Item 3 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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01051319 \*\*Image available\*\*  
METHOD, SYSTEM, AND PROGRAM FOR AN IMPROVED ENTERPRISE SPATIAL SYSTEM  
PROCEDE, SYSTEME ET LOGICIEL POUR UN SYSTEME SPATIAL AMELIORE D'ENTREPRISE

Patent Applicant/Assignee:  
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22903, US, US (Residence), US (Nationality)

Inventor(s):

DYRNAES David N, 168 Lessay, Newport Coast, CA 92657, US,  
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WAYMAN Jared P, 29422 Vista Plaza Drive, Laguna Niguel, CA 92677, US,  
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STIER Mark A, 28341 La Bajada Laguna, Niguel, CA 92677, US,  
ODOM Richard H Jr, 2303 Whippoorwill Road, Charlottesville, VA 22901, US,

Legal Representative:

MEADWESTVACO CORPORATION (agent), Charleston Technical Center - Law  
Dept., P.O. Box 118005, Charleston, SC 29423-8005, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200381388 A2-A3 20031002 (WO 0381388)  
Application: WO 2003US8296 20030317 (PCT/WO US03008296)  
Priority Application: US 2002364807 20020316

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE  
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 108397

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... getting out of synch with the data created for spatial viewing.

[00201 Moreover, the resulting **data** cannot be made **visible** to the client applications without restarting the client and server processes. Conventional systems use configuration...requests. The administrative tasks performed at this tier may also include various e-commerce related **transactions**, such as handling purchase orders, shopping cart management, billing, managing user profiles, and managing accounts... generating data as part of its processing, by a sensor device (such as a **smoke detector**) generating data or by a **location sensing** device (such as a GPS enabled device) generating data.

[01501 When new data has been...generating data as part of its processing, by a sensor device (such as a **smoke detector**) generating data or by a **location sensing** device (such as a GPS enabled device) generating data.

[01561 A software abstraction level is....]

16/3,K/9 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00853830

METHOD AND APPARATUS FOR UTILIZING A UNIQUE TRANSACTION CODE TO UPDATE A MAGAZINE SUBSCRIPTION OVER THE INTERNET  
PROCEDE ET DISPOSITIF SERVANT A UTILISER UN CODE DE TRANSACTION UNIQUE AFIN DE METTRE A JOUR UN ABOUNNEMENT A UN MAGAZINE PAR L'INTERMEDIAIRE D'INTERNET

Patent Applicant/Assignee:

DIGITAL:CONVERGENCE CORPORATION, 9101 N. Central Expressway, Suite 600,  
Dallas, TX 75231, US, US (Residence), US (Nationality)

Inventor(s):

PHILYAW Jeffry Jovan, 5968 West Northwest Highway, No. 1813, Dallas, TX  
75225, US,

Legal Representative:

HOWISON Gregory M (et al) (agent), Howison, Chauza, Thoma, Handley & Arnott, L.L.P., P.O. Box 741715, Dallas, TX 75374-1715, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200186559 A2 20011115 (WO 0186559)

Application: WO 2001US14968 20010509 (PCT/WO US0114968)

Priority Application: US 2000568205 20000509

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 20356

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... a flow chart depicting the operation at the user PC for effecting the subscription renewal **transaction**, which is initiated at a block 2802. The program then flows to a decision block...

...user PC 2522 has a program running in the background thereof that is operable to **sense** the initiation of a scanning or reading operation through the **detection** of the header associated with the coded region 2515 and the unique **transaction** code disposed therein. If the header is **detected**, then the following 8-bit word will. be read which.

constitutes a **transaction** code. However, (inverted exclamation mark)t should be understood that any type of infonnation that is unique to a **transaction** could be disposed in the coded region 2515 in any machine readable fonn. Such **form** may include but not be limited to bar **coded** labels or other **visible** indicia or, in certain applications, audible indicia having the unique **transaction** code embedded therein.

Until the unique transaction code is received, the program will flow along...

16/3,K/10 (Item 5 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00806384  
NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF  
GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,  
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139030 A2 20010531 (WO 0139030)

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

Priority Application: US 99444775 19991122; US 99447621 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB  
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 171499

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... next day in epoch time. This embodiment works equally as well in switches that are **positioned** on the East side of Greenwich where the Time Offset has a positive value.

Two...the NCID is recorded in the AuthCode field of the call record. If the NCID **Location** field contains a 'I,' then the AuthCode field contains the NCID. If the NCID Location...

...separate sub5 fields in the call record. Only intermediate and terminating switches set the NCID **Location** field to a 'I' because originating switches store the NCID in the separate fields of...A technique called data mining allows a user to search large databases and to discover **hidden** patterns in that **data**. Data mining is thus the efficient discovery of valuable, non-obvious information from a large...

16/3,K/11 (Item 6 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00806383

COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF  
PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET PROCEDE ASSOCIE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139029 A2 20010531 (WO 0139029)

Application: WO 2000US32309 20001122 (PCT/WO US0032309)

Priority Application: US 99444655 19991122; US 99444886 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 157840

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... is typically a technique for generating redundancy checks, such as a cyclic redundancy code for **detecting** errors. At the other end of the link, the receiving node strips off 1 5...user must reference the unique identifier, either in the uniform resource locator (URL) or as **hidden data** passed back through a **form** submission. Either of these approaches require that the account or ID information of the user...

16/3,K/12 (Item 7 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF

**MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE**

**PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE**

**Patent Applicant/Assignee:**

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

**Inventor(s):**

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

**Legal Representative:**

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Main International Patent Class: G06F-017/60

**Fulltext Availability:**

Detailed Description

**Detailed Description**

... communication adapter 134 for connecting the workstation to a communication network 135 (e.g., a data processing network) and a display adapter 136 for connecting the bus 112 to a display...is typically a technique for generating redundancy checks, such as a cyclic redundancy code for detecting errors. At the other end of the link, the receiving node strips off the control...user must reference the unique identifier, either in the uniform resource locator (URL) or as hidden data passed back through a form submission. Either of these approaches require that the account or ID information of the user...

16/3,K/13 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00802534

**ANY-TO-ANY COMPONENT COMPUTING SYSTEM**

**SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE**

**Patent Applicant/Assignee:**

E-BRAIN SOLUTIONS LLC, 1200 Mountain Creek Road, Suite 440, Chattanooga, TN 34705, US, US (Residence), US (Nationality), (For all designated states except: US)

**Patent Applicant/Inventor:**

WARREN Peter, 1200 Mountain Creek Road, Suite 440, Chattanooga, TN 37405,  
US, GB (Residence), GB (Nationality), (Designated only for: US)  
LOWE Steven, 1625 Starboard Drive, Hixson, TN 37343, US, US (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

MEHRMAN Michael J (agent), Paper Mill Village, Building 23, 600 Village  
Trace, Suite 300, Marietta, GA 30067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135216 A2-A3 20010517 (WO 0135216)

Application: WO 2000US31231 20001113 (PCT/WO US0031231)

Priority Application: US 99164884 19991112

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 275671

Main International Patent Class: G06F-009/44

International Patent Class: G06F-017/22

Fulltext Availability:

Claims

Claim

... can use this coding in the manner he feels is most suitable.  
40)2.. Free Form Output Method, Enabling a Computer to Answer  
Questions about Recorded Text  
0 Data Class Format...but the different meaning for the other data  
Category is s9mi-invisible and hard to detect. A prime example of this  
phenomenon is that words with a meaning of Matter are...

...in reality two meanings for 'portable' as used in this example. There  
is:  
Matter & portable  
Location & portable  
Each meaning has its own Concept Hierarchy. Thus 'portable' has two  
meanings and  
two...

...by their names) have their own Concept Hierarchical  
structure, which is normally set by their locations :  
World & USA & New York State & New York City & Broadway & is 'St  
4th Floor & Suite 298...

...human handles location data is expressed in the Concept Hierarchy for a  
word with a location meaning. Because many words for things or  
locations actually have two meanings, one for thing...be related to the  
documents sent by Joe  
No Time is recorded for the now Location , so which location is old and  
which is new can not be found. In effect...or any of two or more words  
(in the same language) having the same general sense , but possessing  
each of them meanings which are not shared by the other or others...

16/3,K/14 (Item 9 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00784185 \*\*Image available\*\*  
**A SYSTEM AND METHOD FOR STREAM-BASED COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT**  
**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION FOURNISANT UN SYSTEME DE COMMUNICATION EN CONTINU DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
, US,

Legal Representative:

HICKMAN Paul L (agent), Hickman Coleman & Hughes, LLP, P.O. Box 52037,  
Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200117195 A2-A3 20010308 (WO 0117195)  
Application: WO 2000US24125 20000831 (PCT/WO US0024125)  
Priority Application: US 99386717 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150532

International Patent Class: G06F-017/22 ...

Fulltext Availability:

Detailed Description

Detailed Description  
... at all (roll-back).

Consistency - the effects of a transaction preserve invariant properties.

Isolation - intermediate data values are not visible to other transactions.

Durability - the effect of a completed transaction are persistent.

Two-Phase Commit...run multiple copies of a Partitioned Business Component across multiple servers to handle a greater transaction volume.

259

In Deployment 3612, the Partitioned Business Components are packaged and

deployed as part.....

16/3,K/15 (Item 10 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00784140

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A GLOBALLY ADDRESSABLE INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT  
Système, Procéde et Article de fabrication s'appliquant dans un environnement de structure de services de communications via une interface adressable globalement

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116735 A2-A3 20010308 (WO 0116735)

Application: WO 2000US24198 20000831 (PCT/WO US0024198)

Priority Application: US 99387214 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150371

Main International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Detailed Description

... role, and group. Analogous to record locking to prevent two users from editing the same **data**, **document** management access control services include check-in/check-out services to limit concurrent editing.

Indexing...node.

Error Recovery - The Media Access service performs error recovery, which is the capability to **detect** and possibly resolve data corruption that occurs during transmission.

Error recovery involves the use of...

16/3,K/16 (Item 11 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT

00784135

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LOCALLY ADDRESSABLE INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT  
Système, Procédé et Article de Production mettant en oeuvre une interface adressable localement dans un environnement de configurations de services de communication

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,  
2029 Century Park East, Los Angeles, CA 09967-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116727 A2-A3 20010308 (WO 0116727)

Application: WO 2000US24189 20000831 (PCT/WO US0024189)

Priority Application: US 99387064 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 151048

Main International Patent Class: G06F-009/44

International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Detailed Description

... by incompatible standards. At the heart of the DHTML debate is a specification called the Document Object Model DOM. The DOM categorizes Web page elements--including text, images, and links--as...run multiple copies of a Partitioned Business Component across multiple servers to handle a greater transaction volume.

In Deployment 3612, the Partitioned Business Components are packaged and deployed as part of...

16/3,K/17 (Item 12 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00784132

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT  
Système, Procédé et Dispositif pour module d'habillage existant dans un environnement de schémas de services de communication

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill  
Roadast, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116724 A2-A3 20010308 (WO 0116724)

Application: WO 2000US24084 20000831 (PCT/WO US0024084)

Priority Application: US 99386834 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB  
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150947

Main International Patent Class: G06F-009/44

International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Detailed Description

... at all (roll-back).

Consistency - the effects of a transaction preserve invariant properties.

Isolation - intermediate **data** values are **not visible** to other  
transactions.

Durability - the effect of a completed transaction are persistent.

Two-Phase Commit...run multiple copies of a Partitioned Business  
Component across multiple servers to handle a greater **transaction**  
volume.

259

In Deployment 3612, the Partitioned Business Components are packaged and  
deployed as part...

16/3,K/18 (Item 13 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00784124

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A  
TRANSACTION SERVICES PATTERNS ENVIRONMENT  
Système, Procédé et Article de Fabrication Appliqués dans un Trieur de  
Requêtes d'un Environnement de Structures de Services de Transactions

Patent-Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th floor,  
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116704 A2-A3 20010308 (WO 0116704)

Application: WO 2000US24082 20000831 (PCT/WO US0024082)

Priority Application: US 99386715 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150733

Main International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Detailed Description

... expands the reach of computing both within and outside the enterprise. Netcentric enables sharing of **data** and content between individuals and applications.

These applications provide capabilities to publish, interact or transact ...PCT/US00/24082 of workflow, production, collaborative, and ad hoc. A production environment involves high **transaction** rates and thousands of documents in which the rules for a certain document can be...run multiple copies of a Partitioned Business Component across multiple servers to handle a greater **transaction** volume.

258

In Deployment 3612, the Partitioned Business Components are packaged and deployed as part...

16/3,K/19 (Item 14 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00777020

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR RESOURCE ADMINISTRATION IN AN E-COMMERCE TECHNICAL ARCHITECTURE  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ADMINISTRATION DE RESSOURCES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

ACCENTURE LLP, Parkstraat 83, NL-2514 JG 'S Gravenhage, NL, NL  
(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109791 A2-A3 20010208 (WO 0109791)

Application: WO 2000US20547 20000728 (PCT/WO US0020547)

Priority Application: US 99364161 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 136396

Main International Patent Class: G06F-009/46

International Patent Class: G06F-009/44 ...

... G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... isolate the Business Logic from the technical specifics of how information is stored (e.g., location transparency, RDBMS syntax, etc.). Data Abstraction provides the application with a more logical view of...

16/3,K/20 (Item 15 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00761423

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR EFFECTIVELY CONVEYING WHICH COMPONENTS OF A SYSTEM ARE REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ACHEMINEMENT EFFICACE DES COMPOSANTS D'UN SYSTEME NECESSAIRES A LA MISE EN PRATIQUE D'UNE TECHNOLOGIE

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US  
(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073929 A2 20001207 (WO 0073929)  
Application: WO 2000US14457 20000524 (PCT/WO US0014457)  
Priority Application: US 99321136 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ  
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE  
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150133

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... model and generating the code, then at a later date modifying the code at predefined **locations** in the source code and regenerating, thus enabling the model to maintain a 2-way...

16/3,K/21 (Item 16 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00566667 \*\*Image available\*\*

**ADVANCED DEFERRED SHADING GRAPHICS PIPELINE PROCESSOR**  
**PROCESSEUR PIPELINE GRAPHIQUE EVOLUE A OMBRAGE DIFFERE**

Patent Applicant/Assignee:

APPLE COMPUTER INC, 1 Infinite Loop, Cupertino, CA 95014-2084, US, US  
(Residence), US (Nationality)

Inventor(s):

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REDGRAVE Jason R, 278 Martens Avenue, Mountain View, CA 95040, US,  
TRIVEDI Sushma S, 1208 Rembrandt Drive, Sunnyvale, CA 94087, US,  
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NGUYEN Tuan-D, 5327 Birch Grove Drive, San Jose, CA 95123, US,  
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MAMMEN Abraham, 2780 Lylewood Drive, Pleasanton, CA 94588, US,  
RASHID Abbas, 34369 Eucalyptus Terrace, Fremont, CA 94555-1982, US,  
TSAY Albert Suan-Wei, 38129 Cambridge Court, Fremont, CA 94536, US,

Legal Representative:

ANANIAN R Michael (et al) (agent), Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200030040 A1 20000525 (WO 0030040)  
Application: WO 99US18971 19990820 (PCT/WO US9918971)  
Priority Application: US 9897336 19980820; US 98213990 19981217

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU  
ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 180456

Main International Patent Class: G06T-015/00

International Patent Class: G06T-017/00 ...

... G06T-011/40 ...

... G06T-011/00

Fulltext Availability:

Detailed Description

Detailed Description

... not needed for hidden surface removal (predominantly the items needed to make colors.)

Texel Reuse **Detection** and Tile Based Processing

The inventive structure and method may advantageously make use of trilinear...Consumed Mode - Light Color Packet (LITC) Command Bus

2017 Consumed Mode - Light Color Packet (LITC) **Data** Bus

2018 Consumed Mode - Light State Packet (LITS) Command Bus

2019 Consumed Mode - Light State...same as the immediately previous state, the 40 software driver does not send any state **information** to the hardware, and the hardware continues - 97 to use the same state information. Conversely...

16/3,K/22 (Item 17 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00418748 \*\*Image available\*\*

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

**SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION  
DE DROITS ELECTRONIQUES**

Patent Applicant/Assignee:  
INTERTRUST TECHNOLOGIES CORP,

Inventor(s):

GINTER Karl L,  
SHEAR Victor H,  
SIBERT W Olin,  
SPAHN Francis J,  
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9809209 A1 19980305

Application: WO 97US15243 19970829 (PCT/WO US9715243)

Priority Application: US 96706206 19960830

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 195626

Main International Patent Class: G06F-001/00

Fulltext Availability:

Detailed Description

Detailed Description

... or content container control information. This information may specify that certain areas and/or precise **locations** within properties should be used for fingerprinting, such as one or more certain fields of...

16/3,K/23 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00324646

**AUTHENTICATING DATA STORAGE ARTICLES**

**AUTHENTIFICATION D'ARTICLES DE MEMORISATION DE DONNEES**

Patent Applicant/Assignee:

LIANG Louis H,  
MARINELLO Daniel A,  
RYAN William J,

Inventor(s):

LIANG Louis H,  
MARINELLO Daniel A,  
RYAN William J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9607154 A1 19960307

Application: WO 95US11028 19950829 (PCT/WO US9511028)

Priority Application: US 94298387 19940830

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004).

CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 9676

Main International Patent Class: G06K-007/10

Fulltext Availability:

Detailed Description

Detailed Description

... codes." The existing reader apparatus 20 has an existing decoder 40, which typically processes signals **detected** by existing reader to decode the signals into digital data. Decoder 40 may be and...

...communication terminal to communicate the decoded data to a remote location for authorization of a **transaction**, using a communication channel 70,

Set	Items	Description
S1	290	AU=(LAPSTUN P? OR LAPSTUN P?)
S2	3849124	FORM? ? OR DOCUMENT? ? OR PAPER OR SHEET? ?
S3	2886615	SENS? OR DETECT?
S4	3835744	POSITION? OR POINT? ? OR LOCATION? ?
S5	934009	PRINT?
S6	2936902	DATA OR INFORMATION OR INFO
S7	50573	AUCTION? ? OR BID OR BIDS OR TRANSACT?
S8	123373	VISIBLE OR INVISIBLE OR "NOT"()VISIBLE OR HIDDEN OR HIDE? ?
S9	4822	S8(5N)S6
S10	748	S8(5N)CODE? ?
S11	5410	S9 OR S10
S12	775	S11(15N)S2
S13	7	S1 AND S12
S14	309	S12 AND S5
S15	54	S14 AND S3
S16	58	S13 OR S15
S17	9	S16 AND IC=G06F?
S18	20	S16 AND IC=G06?

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)  
(c) 2005 JPO & JAPIO  
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200542  
(c) 2005 Thomson Derwent

18/5/1 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO

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07640471 \*\*Image available\*\*

IMAGE FORMING APPARATUS

PUB. NO.: 2003-134325 [JP 2003134325 A]

PUBLISHED: May 09, 2003 (20030509)

INVENTOR(s): SAKAMOTO HIROSHI

APPLICANT(s): KYOCERA CORP

APPL. NO.: 2001-327913 [JP 2001327913]

FILED: October 25, 2001 (20011025)

INTL CLASS: H04N-001/387; G03G-021/00; G06T-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an image forming apparatus which **prints** original **data**, without **printing** **visible** an **information** matter on a **paper** and without being aware of a user.

SOLUTION: A driver 20 adds an electronic watermark on **print** image data and forms **printed** data from the **print** image data including the electronic watermark, a memory 10 stores the **print** data including the electronic watermark, and a **printing** processor 13 **prints** the data including the watermark. A manuscript reader 14 starts reading the manuscript. If a watermark reader 11 **detects** electronic watermark information, it sends the **detected** data to a controller 12 to read corresponding **printed** data from the memory 10, based on the **detected** data, and the processor 13 **prints** the read data.

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18/5/2 (Item 2 from file: 347)

DIALOG(R) File 347:JAPIO

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04452398 \*\*Image available\*\*

OCR BUSINESS FROM AND ITS READER

PUB. NO.: 06-096298 [JP 6096298 A]

PUBLISHED: April 08, 1994 (19940408)

INVENTOR(s): TAJIMA SHINJI

KANAZAWA TAKAHITO

APPLICANT(s): DAINIPPON PRINTING CO LTD [000289] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 04-268003 [JP 92268003]

FILED: September 10, 1992 (19920910)

INTL CLASS: [5] G06K-019/06 ; G06K-009/00 ; G06K-019/00

JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)

JAPIO KEYWORD: R002 (LASERS); R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD); R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers); R116 (ELECTRONIC MATERIALS -- Light Emitting Diodes, LED)

JOURNAL: Section: P, Section No. 1768, Vol. 18, No. 370, Pg. 30, July 12, 1994 (19940712)

ABSTRACT

PURPOSE: To provide the OCR business form and its reader which are

excellent in a sense of beauty, and in which a substantially wide printing space can be provided.

CONSTITUTION: The OCR business form is provided with plural OCR boxes 5 which are arranged like a matrix at a prescribed interval and in which a pattern read by an OCR business from reader is entered, and transparent bar-codes 2, 3 and 4 which are formed in at least one edge part of this OCR box 5, and in which a pattern for showing position information or an attribute of a pattern entry column is formed in transparent ink. This OCR business form 1 can secure a substantially wide pattern entry column by providing the transparent bar-codes 2, 3 and 4 having no relation to entry of a pattern in an edge part of the OCR business form 1. Also, the transparent bar-codes 2, 3 and 4 are invisible to a user and excellent in a sense of beauty.

18/5/3 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

017000632 \*\*Image available\*\*  
WPI Acc No: 2005-324948/200534  
XRXPX Acc No: N05-265661

Multi-item input device has erase head to erase printed visible information on rewritable sheet, and print head to print newly input information on sheet while stopping sheet when printed position is located at input panel

Patent Assignee: OKI FIRMWARE SYSTEMS KK (OKIF-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2005092351	A	20050407	JP 2003322039	A	20030912	200534 B

Priority Applications (No Type Date): JP 2003322039 A 20030912

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2005092351	A	9	G06F-003/023	

Abstract (Basic): JP 2005092351 A

NOVELTY - The erase and print heads (4,3) are arranged opposing a touch-sensitive information input panel (2). When a rewritable sheet (5) containing printed information is passed through the panel along direction (A), the erase head erases the visible information and a printing head prints the newly input information on the sheet. The movement of sheet is stopped when printed position is located at the panel.

USE - Multi-item input device using rewritable sheet for display of input information.

ADVANTAGE - Since printed information are erased and newly input information are printed on the sheet, automatically, the power for holding the display state is not required. Thus, the information can be viewed favorably from any angle.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of the multi-item input device. (Drawing includes non-English language text).

touch-sensitive information input panel (2)  
print head (3)  
erase head (4)  
rewrite sheet (5)  
driving roller (6)

following roller (7)  
sheet moving direction (A)  
pp; 9 DwgNo 1/3

Title Terms: MULTI; ITEM; INPUT; DEVICE; ERASE; HEAD; ERASE; PRINT;  
VISIBLE; INFORMATION; REWRITING; SHEET; PRINT; HEAD; PRINT; NEW;  
INPUT; INFORMATION; SHEET; STOP; SHEET; PRINT; POSITION; LOCATE; INPUT;  
PANEL

Derwent Class: P85; T01; T04

International Patent Class (Main): G06F-003/023

International Patent Class (Additional): G09F-009/00

File Segment: EPI; EngPI

18/5/4 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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016218577 \*\*Image available\*\*

WPI Acc No: 2004-376465/200436

XRXPX Acc No: N04-299476

Online purchase method involves identifying purchasing transaction from  
identification data generated from invisible coded data which is  
sensed from purchaser netpage form

Patent Assignee: SILVERBROOK RES PTY LTD (SILV-N)

Inventor: LAPSTUN P ; SILVERBROOK K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 2003254722	A1	20031113	AU 200047258	A	20000524	200436 B
			AU 2003254722	A	20031015	

Priority Applications (No Type Date): AU 200047258 A 20000524; AU  
2003254722 A 20031015

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
AU 2003254722	A1	113	G06K-011/18	Div ex application AU 200047258

Abstract (Basic): AU 2003254722 A1

NOVELTY - A form containing graphic data (2) regarding purchase transaction and invisible coded data, is provided to the purchaser. The identity and reference point of the form is indicated in the coded data. When the sensor is placed in positional relationship with respect to the form, the coded data is sensed to generate the indicating data which is used to identify the purchasing transaction of the purchaser.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the netpage printer system.

USE - For performing online purchase of goods using netpage printer system (claimed).

ADVANTAGE - Allows large number of purchasers to efficiently purchase goods at high speed.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of user interface flow for online purchasing.

pp; 113 DwgNo 55/62

Title Terms: PURCHASE; METHOD; IDENTIFY; PURCHASE; TRANSACTION; IDENTIFY;  
DATA; GENERATE; INVISIBLE; CODE; DATA; SENSE; PURCHASE; FORM

Derwent Class: T01; T04

International Patent Class (Main): G06K-011/18

International Patent Class (Additional): G06F-003/03 ; G06F-017/60

File Segment: EPI

18/5/5 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016180696 \*\*Image available\*\*

WPI Acc No: 2004-338583/200431

Related WPI Acc No: 2001-031672; 2001-032072; 2001-032073; 2001-041078;  
2001-049870; 2001-049889; 2001-061375; 2001-061376; 2001-061377;  
2001-061378; 2001-061379; 2001-061380; 2001-061383; 2001-061384;  
2001-061385; 2001-061386; 2001-070855; 2001-070886; 2001-070887;  
2001-070889; 2001-080332; 2001-080380; 2001-080391; 2001-091017;  
2001-091018; 2001-091019; 2001-091020; 2001-102299; 2001-102300;  
2001-102301; 2001-102302; 2001-146741; 2001-146742; 2001-146761;  
2001-202518; 2001-244051; 2001-244052; 2001-244069; 2001-244070;  
2001-257289; 2001-257290; 2001-257291; 2001-257292; 2001-257293;  
2001-257336; 2001-257337; 2001-257338; 2001-257339; 2001-257341;  
2001-257342; 2001-257343; 2001-257344; 2001-257345; 2001-265579;  
2001-290116; 2001-328123; 2001-328124; 2001-335483; 2001-335752;  
2001-354478; 2001-354825; 2001-355202; 2001-367045; 2001-374344;  
2001-380760; 2001-381052; 2001-389385; 2001-389410; 2001-389418;  
2001-397607; 2001-417832; 2001-425321; 2001-425322; 2001-425329;  
2001-425338; 2001-425352; 2001-432690; 2001-464464; 2001-464465;  
2001-464466; 2001-464473; 2001-464474; 2001-521241; 2001-521256;  
2001-522897; 2001-541233; 2001-564790; 2001-564791; 2001-564792;  
2001-564793; 2001-580761; 2001-580897; 2001-616166; 2001-625734;  
2001-625756; 2002-074883; 2002-074884; 2002-074885; 2002-074886;  
2002-074887; 2002-074888; 2002-147314; 2002-147316; 2002-226131;  
2002-315396; 2002-351585; 2002-382643; 2002-382644; 2002-425623;  
2002-636105; 2002-665882; 2003-531707; 2003-531934; 2003-532083;  
2003-597030; 2003-844503; 2004-096199; 2004-096457; 2004-338582;  
2004-340152; 2004-373010; 2004-374395; 2004-376461; 2004-376466;  
2004-386954; 2004-390759; 2004-623797; 2004-624309; 2004-649306;  
2004-652722; 2004-674402; 2004-674978; 2004-697395; 2004-698508;  
2004-698512; 2004-707312; 2004-727587; 2004-727588; 2004-727593;  
2004-727594; 2004-727595; 2004-727597; 2004-727598; 2004-727600;  
2004-736133; 2004-736179; 2004-736191; 2004-736196; 2004-736197;  
2004-745997; 2004-745999; 2004-746000; 2004-746374; 2004-746424;  
2004-746433; 2004-746436; 2004-748872; 2004-756118; 2004-756126;  
2004-758108; 2004-758112; 2004-765022; 2004-766540; 2004-766546;  
2004-775391; 2004-781967; 2004-782612; 2004-793958; 2004-793966;  
2004-812670; 2004-812671; 2004-812672; 2004-820370; 2004-820372;  
2004-820625; 2004-832765; 2005-009864; 2005-010012; 2005-010023;  
2005-028593; 2005-029594; 2005-038276; 2005-056211; 2005-056779;  
2005-057032; 2005-072406; 2005-079163; 2005-080067; 2005-089308;  
2005-089309; 2005-098822; 2005-100321; 2005-100322; 2005-100323;  
2005-111017; 2005-119778; 2005-140701; 2005-241059; 2005-252535;  
2005-321817; 2005-331833

XRXP Acc No: N04-270578

Integrated color printer and binder for netpage publication e.g.  
traditional magazine, prints content of page descriptors in visible  
ink, and corresponding coded data in invisible ink, simultaneously  
onto media sheet

Patent Assignee: SILVERBROOK RES PTY LTD (SILV-N)

Inventor: LAPSTUN P ; SILVERBROOK K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040046995	A1	20040311	US 2000575187	A	20000523	200431 B
			US 2003659026	A	20030911	

Priority Applications (No Type Date): AU 993632 A 19991025; AU 99559 A 19990525; AU 991313 A 19990630

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20040046995 A1 89 B41F-001/00 CIP of application US 2000575187

Abstract (Basic): US 20040046995 A1

NOVELTY - A wireless communicator receives set of page description corresponding to interactive publication, from a computer system. The color printer simultaneously prints content of page descriptors in **visible** ink, and corresponding **coded data** in **invisible** ink, onto the media **sheet**. The binder binds the printed media **sheet** together to **form** interactive publication.

USE - Integrated color printer and binder using thermal inkjet, piezoelectric inkjet or laser electrophotographic printer, connected to network for netpage publication e.g. traditional magazine, newspaper, catalogs, brochures and other publications.

ADVANTAGE - Ensures privacy and security of information printed on media **sheet**, by using **invisible** ink for **coded data** of page descriptor. Achieves high speed printing.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the printed netpage and its online page description.

pp; 89 DwgNo 4/68

Title Terms: INTEGRATE; COLOUR; PRINT; BIND; PUBLICATION; TRADITIONAL; MAGAZINE; PRINT; CONTENT; PAGE; DESCRIBE; VISIBLE; INK; CORRESPOND; CODE; DATA; INVISIBLE; INK; SIMULTANEOUS; MEDIUM; SHEET

Derwent Class: P74; Q36; S06; T04

International Patent Class (Main): B41F-001/00

International Patent Class (Additional): B65H-039/65; G06F-015/00 ; H04N-001/04

File Segment: EPI; EngPI

18/5/6 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015344348 \*\*Image available\*\*

WPI Acc No: 2003-405286/200339

XRAM Acc No: C03-108107

XRPX Acc No: N03-323224

Magnetic printing media for laser and inkjet printer, comprises base layer, magnetic layer to record magnetically encoded information and ink receptive layer to absorb ink

Patent Assignee: HEWLETT-PACKARD CO (HEWP ); LEE B C (LEEB-I); HEWLETT-PACKARD DEV CO LP (HEWP )

Inventor: LEE B C

Number of Countries: 032 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1281536	A2	20030205	EP 2002255250	A	20020726	200339 B
US 20030025321	A1	20030206	US 2001920207	A	20010801	200339
JP 2003178420	A	20030627	JP 2002224631	A	20020801	200351
US 6776438	B2	20040817	US 2001920207	A	20010801	200454

Priority Applications (No Type Date): US 2001920207 A 20010801

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP-1281536 A2 E 16 B41M-003/14

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR  
US 20030025321 A1 B42D-015/00  
JP 2003178420 A 7 G11B-005/72  
US 6776438 B2 B42D-015/00

Abstract (Basic): EP 1281536 A2

NOVELTY - The magnetic **printing** media comprises a base layer (6), a magnetic layer (8) and an ink receptive layer (10), sequentially. The magnetic layer is adapted to record magnetically encoded information. The ink receptive layer is adapted to absorb ink.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a method of making a magnetically encoded **printed** document.

USE - For laser and inkjet **printer** and for verifying the authenticity of **documents** (claimed) for recording additional **information** that is **not visible** and protected from photocopying.

ADVANTAGE - The magnetic layer is able to record more information than the magnetic inks. The information recorded in the magnetic layer is not visible, so **sensitive** information is protected from viewing and photocopying. The images **printed** on the ink receptive layer are easily photocopied. Therefore **sensitive** material is magnetically encoded on the magnetic **printing** media allowing easy photocopying of the **printed** information. Different types of information, both **printed** text and magnetically encoded information are recorded.

DESCRIPTION OF DRAWING(S) - The figure shows a side view of the three layers of a magnetic **printing** media.

Base layer (6)

Magnetic layer (8)

Ink receptive layer (10)

pp; 6 DwgNo 1/4

Title Terms: MAGNETIC; **PRINT** ; MEDIUM; LASER; **PRINT** ; COMPRISE; BASE;  
LAYER; MAGNETIC; LAYER; RECORD; MAGNETIC; ENCODE; INFORMATION; INK;  
RECEPTIVE; LAYER; ABSORB; INK

Derwent Class: G05; L03; P75; P76; T03; T04; T05

International Patent Class (Main): B41M-003/14; B42D-015/00; G11B-005/72

International Patent Class (Additional): B41M-005/00; B42D-015/10;

G06K-019/06 ; G07D-007/04

File Segment: CPI; EPI; EngPI

18/5/7 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014687382 \*\*Image available\*\*

WPI Acc No: 2002-508086/200254

XRPX Acc No: N02-402096

Digital data printing method for photographs and cards, involves converting original and transformed image data into digital form of data and printing converted and original image simultaneously on print media

Patent Assignee: SILVERBROOK RES PTY LTD (SILV-N); LAPSTUN P (LAPS-I);  
SILVERBROOK K (SILV-I); WALMSLEY S R (WALM-I)

Inventor: LAPSTUN P ; SILVERBROOK K; WALMSLEY S R

Number of Countries: 098 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200235449	A1	20020502	WO 2001AU1326	A	20011019	200254 B
AU 200210249	A	20020506	AU 200210249	A	20011019	200257
KR 2003061823	A	20030722	KR 2003705560	A	20030421	200381

US 20040032499	A1	20040219	US 2000693134	A	20001020	200414
			US 2003636221	A	20030808	
ZA 200303172	A	20040128	ZA 20033172	A	20030424	200420
CN 1471685	A	20040128	CN 2001817748	A	20011019	200426
JP 2004511377	W	20040415	WO 2001AU1326	A	20011019	200426
			JP 2002538360	A	20011019	
EP 1410310	A1	20040421	EP 2001977985	A	20011019	200427
			WO 2001AU1326	A	20011019	
AU 2002210249	B2	20040408	AU 2002210249	A	20011019	200456
AU 2004202957	A1	20040729	AU 2002210249	A	20011019	200473 N
			AU 2004202957	A	20040701	

Priority Applications (No Type Date): US 2000693134 A 20001020; US 2003636221 A 20030808; AU 2004202957 A 20040701

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200235449 A1 E 29 G06K-007/12

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
AU 200210249 A C25C-003/06 Based on patent WO 200235449  
KR 2003061823 A G06T-001/00  
US 20040032499 A1 H04N-005/225 Cont of application US 2000693134  
ZA 200303172 A 44 G06K-000/00  
CN 1471685 A G06K-007/12  
JP 2004511377 W 48 B41J-005/30 Based on patent WO 200235449  
EP 1410310 A1 E G06K-007/12 Based on patent WO 200235449  
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR  
AU 2002210249 B2 G06K-007/12 Previous Publ. patent AU 2002210249  
Based on patent WO 200235449  
AU 2004202957 A1 G06K-007/12 Div ex application AU 2002210249

Abstract (Basic): WO 200235449 A1

NOVELTY - The image data received from the camera system is transformed using an image processing program. The original image and transformed data are converted into an encoded fault tolerant digital form of image data and printed with invisible ink using an inkjet printing process on a print media surface, while simultaneously printing the original image data as a photographic image in a human readable form on the same surface.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for invisible ink encoded fault tolerant digital data printing apparatus.

USE - For printing large volumes of printed data in simple print media like card and in photograph.

ADVANTAGE - The data corruption errors while data scanning area avoided. Since the encoded tolerable digital form of the data is already available, there is not necessary for a negative. The need for two print heads is avoided as the same surface is used to record the data and the photograph.

DESCRIPTION OF DRAWING(S) - The figure shows the data surface of card or photograph.

pp; 29 DwgNo 1/14

Title Terms: DIGITAL; DATA; PRINT; METHOD; PHOTOGRAPH; CARD; CONVERT; ORIGINAL; TRANSFORM; IMAGE; DATA; DIGITAL; FORM; DATA; PRINT; CONVERT; ORIGINAL; IMAGE; SIMULTANEOUS; PRINT; MEDIUM

Derwent Class: P75; P82; T01; T04

International Patent Class (Main): B41J-005/30; C25C-003/06; G06K-000/00 ;

**G06K=007/12 ; G06T=001/00; H04N=005/225**  
International Patent Class (Additional): B41J-029/40; C22B-021/02;  
C25C-003/08; G03B-041/00; **G06K-019/06 ; G06T-003/00; H03M-013/15**  
File Segment: EPI; EngPI

**18/5/8 (Item 6 from file: 350)**  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014254183     \*\*Image available\*\*  
WPI Acc No: 2002-074883/200210  
Related WPI Acc No: 2001-031672; 2001-032072; 2001-032073; 2001-041078;  
2001-049870; 2001-049889; 2001-061375; 2001-061376; 2001-061377;  
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2005-111017; 2005-119778; 2005-140701; 2005-241059; 2005-252535;  
2005-321817; 2005-331833

XRXPX Acc No: N02-055283

Ink cartridge for digital printer, has housing defining several storage areas.

Patent Assignee: SILVERBROOK K (SILV-I); SILVERBROOK RES PTY LTD (SILV-N)

Inventor: KING T A; LAPSTUN P

Number of Countries: 094 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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WO 200071350	A1	20001130	WO 2000AU558	A	20000524	200210	B
AU 200047294	A	20001212	AU 200047294	A	20000524	200252	
EP 1220753	A1	20020710	EP 2000929071	A	20000524	200253	
			WO 2000AU558	A	20000524		
CN 1351541	A	20020529	CN 2000807866	A	20000524	200258	
JP 2003500239	W	20030107	JP 2000619632	A	20000524	200314	
			WO 2000AU558	A	20000524		
MX 2001012054	A1	20030701	WO 2000AU558	A	20000524	200420	
			MX 200112054	A	20011126		
CN 1548297	A	20041124	CN 2000807866	A	20000524	200516	
			CN 200445951	A	20000524		
IL 146646	A	20050517	IL 146646	A	20000524	200537	

Priority Applications (No Type Date): AU 991313 A 19990630; AU 99559 A 19990525

#### Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200071350 A1 E 32 B41J-002/175

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200047294 A B41J-002/175 Based on patent WO 200071350

EP 1220753 A1 E B41J-002/175 Based on patent WO 200071350

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

CN 1351541 A B41J-002/175

JP 2003500239 W 43 B41J-002/175 Based on patent WO 200071350

MX 2001012054 A1 B41J-002/175 Based on patent WO 200071350

CN 1548297 A B41J-002/175 Div ex application CN 2000807866

IL 146646 A B41J-002/175 Based on patent WO 200071350

#### Abstract (Basic): WO 200071350 A1

NOVELTY - The ink cartridge has a housing defining several storage areas. One storage area contains colorant for printing **information** that is **visible** to the human eye. Another storage area contains colorant for printing **information** in a **form** that is **invisible** to the human eye, but readable by an optical reader.

DETAILED DESCRIPTION - Preferably the colorant for printing **information** in a **form** that is **invisible** to the human eye, is infrared ink. Also one of the storage areas is for black ink, and the cartridge also has storage areas for cyan, magenta and yellow ink. There may also be a storage area for ink fixative.

USE - For digital printer that prints information in a form that is readable by the human eye, and in a form that is invisible to the human eye, but readable by an optical reader.

ADVANTAGE - Provides for use when connected to the Internet, when a printed page needs to carry information in a form that can only be read by an optical reader linked to the network. If this were printed in a visible colorant, then it would probably obscure other text or images printed on the page.

DESCRIPTION OF DRAWING(S) - The figure shows an end sectional view of the cartridge.

Ink bladders (631 to 635)

Fixative bladder (644)

pp; 32 DwgNo 7a/19

Title Terms: INK; CARTRIDGE; DIGITAL; PRINT; HOUSING; DEFINE; STORAGE; AREA

Derwent Class: P75; T04

International Patent Class (Main): B41J-002/175

International Patent Class (Additional): G06K-019/08  
File Segment: EPI; EngPI

18/5/9 (Item 7 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013980260 \*\*Image available\*\*  
WPI Acc No: 2001-464474/200150  
Related WPI Acc No: 2001-031672; 2001-032072; 2001-032073; 2001-041078;  
2001-049870; 2001-049889; 2001-061375; 2001-061376; 2001-061377;  
2001-061378; 2001-061379; 2001-061380; 2001-061383; 2001-061384;  
2001-061385; 2001-061386; 2001-070855; 2001-070886; 2001-070887;  
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2004-745997; 2004-745999; 2004-746000; 2004-746374; 2004-746424;  
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2004-775391; 2004-781967; 2004-782612; 2004-793958; 2004-793966;  
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2004-820625; 2004-832765; 2005-009864; 2005-010012; 2005-010023;  
2005-028593; 2005-029594; 2005-038276; 2005-056211; 2005-056779;  
2005-057032; 2005-072406; 2005-079163; 2005-080067; 2005-089308;  
2005-089309; 2005-098822; 2005-100321; 2005-100322; 2005-100323;  
2005-111017; 2005-119778; 2005-140701; 2005-241059; 2005-252535;  
2005-321817; 2005-331833

XRPX Acc No: N01-344469

Access request registration for netpage networked computer system,  
involves receiving identity data from sensing device to indicate  
identity of sensing device and form filled by user

Patent Assignee: SILVERBROOK RES PTY LTD (SILV-N)

Inventor: LAPSTUN P ; SILVERBROOK K

Number of Countries: 095 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200103017	A1	20010111	WO 2000AU766	A	20000630	200150 B

AU 200056628	A	20010122	AU 200056628	A	20000630	200150
EP 1212714	A1	20020612	EP 2000941784	A	20000630	200239
			WO 2000AU766	A	20000630	
AU 761767	B	20030612	AU 200056628	A	20000630	200349

Priority Applications (No Type Date): AU 992912 A 19990917; AU 991313 A 19990630

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200103017 A1 E 101 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200056628 A Based on patent WO 200103017

EP 1212714 A1 E G06F-017/60 Based on patent WO 200103017

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

AU 761767 B G06F-017/60 Previous Publ. patent AU 200056628

Based on patent WO 200103017

Abstract (Basic): WO 200103017 A1

NOVELTY - A computer system receives identity data from the **sensing** device, which indicates the identity of **sensing** device and the form and text or mark recorded on the form by the **sensing** device. The indicating data and stored user registration data are matched and identity of registered user is determined. The registration data associated with identity of registered user is stored in computer system.

DETAILED DESCRIPTION - A **printed** registration form with registration information and coded data having identity of form and reference data of form is filled by user of terminal. An INDEPENDENT CLAIM is also included for user access request registration system.

USE - For acquiring access right for accessing terminal of netpage network computer system.

ADVANTAGE - The netpage system uses **invisible coded data** in the **form** which ensures high level security.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of user authorization user interface flow.

pp; 101 DwgNo 52/55

Title Terms: ACCESS; REQUEST; REGISTER; COMPUTER; SYSTEM; RECEIVE; IDENTIFY ; DATA; **SENSE** ; DEVICE; INDICATE; IDENTIFY; **SENSE** ; DEVICE; FORM; FILLED; USER

Derwent Class: T01; T04

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06K-009/18 ; G06K-019/06

File Segment: EPI

18/5/10 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013586679 \*\*Image available\*\*

WPI Acc No: 2001-070886/200108

Related WPI Acc No: 2001-031672; 2001-032072; 2001-032073; 2001-041078; 2001-049870; 2001-049889; 2001-061375; 2001-061376; 2001-061377; 2001-061378; 2001-061379; 2001-061380; 2001-061383; 2001-061384;

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2005-111017; 2005-119778; 2005-140701; 2005-241059; 2005-252535;  
2005-321817; 2005-331833

XRPX Acc No: N01-053672

Display or printing method of documents in surface based interface,  
involves detecting identification data of document using coded data to  
forward document to printer

Patent Assignee: SILVERBROOK RES PTY LTD (SILV-N)

Inventor: LAPSTUN P ; SILVERBROOK K

Number of Countries: 094 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200072132	A1	20001130	WO 2000AU573	A	20000524	200108	B
AU 200047308	A	20001212	AU 200047308	A	20000524	200115	
BR 200010793	A	20020507	BR 200010793	A	20000524	200238	
			WO 2000AU573	A	20000524		
CN 1351724	A	20020529	CN 2000807924	A	20000524	200258	
EP 1228419	A1	20020807	EP 2000929085	A	20000524	200259	
			WO 2000AU573	A	20000524		
JP 2003500732	W	20030107	JP 2000620459	A	20000524	200314	
			WO 2000AU573	A	20000524		
MX 2001012058	A1	20030701	WO 2000AU573	A	20000524	200420	
			MX 200112058	A	20011126		

Priority Applications (No Type Date): AU 991313 A 19990630; AU 99559 A  
19990525

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 2000072132	A1	E	86 G06F-003/03	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW				
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW				
AU 200047308	A			Based on patent WO 2000072132
BR 2000010793	A		G06F-003/03	Based on patent WO 2000072132
CN 1351724	A			G06F-003/03
EP 1228419	A1	E	G06F-003/03	Based on patent WO 2000072132
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
JP 2003500732	W	146	G06F-003/023	Based on patent WO 2000072132
MX 2001012058	A1		G06F-003/03	Based on patent WO 2000072132

Abstract (Basic): WO 2000072132 A1

NOVELTY - When a **sensing** device is placed in near interface surface containing textual **information** and invisible **coded data**, the identification **data** corresponding to **document** is **detected** using coded data to forward the **document** either to a **printer** or to a monitor to **print** or display the document.

USE - For e.g. document in surface base interface.

ADVANTAGE - Enables to obtain interactive **printed** matter on demand through high speed networked color **printers**.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart for input process algorithm.

pp; 86 DwgNo 38/47

Title Terms: DISPLAY; PRINT ; METHOD; DOCUMENT; SURFACE; BASED; INTERFACE;  
DETECT ; IDENTIFY; DATA; DOCUMENT; CODE; FORWARD; DOCUMENT; PRINT

Derwent Class: P75; T01; T04

International Patent Class (Main): G06F-003/023 ; G06F-003/03

International Patent Class (Additional): B41J-029/38; G06F-003/06 ;  
G06F-003/12 ; G06K-011/18

File Segment: EPI; EngPI

18/5/11 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013577170 \*\*Image available\*\*

WPI Acc No: 2001-061377/200107

Related WPI Acc No: 2001-031672; 2001-032072; 2001-032073; 2001-041078;  
2001-049870; 2001-049889; 2001-061375; 2001-061376; 2001-061378;  
2001-061379; 2001-061380; 2001-061383; 2001-061384; 2001-061385;  
2001-061386; 2001-070855; 2001-070886; 2001-070887; 2001-070889;  
2001-080332; 2001-080380; 2001-080391; 2001-091017; 2001-091018;  
2001-091019; 2001-091020; 2001-102299; 2001-102300; 2001-102301;  
2001-102302; 2001-146741; 2001-146742; 2001-146761; 2001-202518;  
2001-244051; 2001-244052; 2001-244069; 2001-244070; 2001-257289;  
2001-257290; 2001-257291; 2001-257292; 2001-257293; 2001-257336;  
2001-257337; 2001-257338; 2001-257339; 2001-257341; 2001-257342;  
2001-257343; 2001-257344; 2001-257345; 2001-265579; 2001-290116;  
2001-328123; 2001-328124; 2001-335483; 2001-335752; 2001-354478;  
2001-354825; 2001-355202; 2001-367045; 2001-374344; 2001-380760;  
2001-381052; 2001-389385; 2001-389410; 2001-389418; 2001-397607;

2001-417832; 2001-425321; 2001-425322; 2001-425329; 2001-425338;  
2001-425352; 2001-432690; 2001-464464; 2001-464465; 2001-464466;  
2001-464473; 2001-464474; 2001-521241; 2001-521256; 2001-522897;  
2001-541233; 2001-564790; 2001-564791; 2001-564792; 2001-564793;  
2001-580761; 2001-580897; 2001-616166; 2001-625734; 2001-625756;  
2002-074883; 2002-074884; 2002-074885; 2002-074886; 2002-074887;  
2002-074888; 2002-147314; 2002-147316; 2002-226131; 2002-315396;  
2002-351585; 2002-382643; 2002-382644; 2002-425623; 2002-636105;  
2002-665882; 2003-531707; 2003-531934; 2003-532083; 2003-597030;  
2003-844503; 2004-096199; 2004-096457; 2004-338582; 2004-338583;  
2004-340152; 2004-373010; 2004-374395; 2004-376461; 2004-376466;  
2004-386954; 2004-390759; 2004-623797; 2004-624309; 2004-649306;  
2004-652722; 2004-674402; 2004-674978; 2004-697395; 2004-698508;  
2004-698512; 2004-707312; 2004-727587; 2004-727588; 2004-727593;  
2004-727594; 2004-727595; 2004-727597; 2004-727598; 2004-727600;  
2004-736133; 2004-736179; 2004-736191; 2004-736196; 2004-736197;  
2004-745997; 2004-745999; 2004-746000; 2004-746374; 2004-746424;  
2004-746433; 2004-746436; 2004-748872; 2004-756118; 2004-756126;  
2004-758108; 2004-758112; 2004-765022; 2004-766540; 2004-766546;  
2004-775391; 2004-781967; 2004-782612; 2004-793958; 2004-793966;  
2004-812670; 2004-812671; 2004-812672; 2004-820370; 2004-820372;  
2004-820625; 2004-832765; 2005-009864; 2005-010012; 2005-010023;  
2005-028593; 2005-029594; 2005-038276; 2005-056211; 2005-056779;  
2005-057032; 2005-072406; 2005-079163; 2005-080067; 2005-089308;  
2005-089309; 2005-098822; 2005-100321; 2005-100322; 2005-100323;  
2005-111017; 2005-119778; 2005-140701; 2005-241059; 2005-252535;  
2005-321817; 2005-331833

XRPX Acc No: N01-046024

Interface surface printer for use with netpage networked computer system,  
generates coded data based partially on identity data in document data  
for printing interface with visible information

Patent Assignee: SILVERBROOK RES PTY LTD (SILV-N)

Inventor: LAPSTUN P ; SILVERBROOK K

Number of Countries: 094 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200072126	A1	20001130	WO 2000AU560	A	20000524	200107	B
AU 200047296	A	20001212	AU 200047296	A	20000524	200115	
BR 200010900	A	20020604	BR 200010900	A	20000524	200246	
			WO 2000AU560	A	20000524		
EP 1224524	A1	20020724	EP 2000929073	A	20000524	200256	
			WO 2000AU560	A	20000524		
CN 1351726	A	20020529	CN 2000807957	A	20000524	200258	
JP 2003500727	W	20030107	JP 2000620453	A	20000524	200314	
			WO 2000AU560	A	20000524		
AU 761330	B	20030605	AU 200047296	A	20000524	200341	
MX 2001012066	A1	20030701	WO 2000AU560	A	20000524	200420	
			MX 200112066	A	20011126		

Priority Applications (No Type Date): AU 993632 A 19991025; AU 99559 A 19990525; AU 991313 A 19990630

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200072126 A1 E 107 G06F-003/03

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200047296 A Based on patent WO 200072126

BR 200010900 A G06F-003/03 Based on patent WO 200072126

EP 1224524 A1 E G06F-003/03 Based on patent WO 200072126  
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI  
CN 1351726 A G06F-003/03  
JP 2003500727 W 174 G06F-003/12 Based on patent WO 200072126  
AU 761330 B G06F-003/03 Previous Publ. patent AU 200047296  
Based on patent WO 200072126  
MX 2001012066 A1 B41F-031/08 Based on patent WO 200072126

Abstract (Basic): WO 200072126 A1

NOVELTY - A printer (601) has a coded data generator for generating a coded data based partially on an identity data in a document data which is received from a computer system. A printhead in the printer prints an interface which has visible information in addition to the coded data onto a surface.

USE - For use with netpage networked computer system.

ADVANTAGE - Easier interaction of users with the networked information is achieved by generation of a code data and printing an interface which has visible information in addition to the coded data onto a surface. Coded data is not visible to average unaided human eye under day light or ambient lighting conditions. Coded data is also used to indicate a reference point of particular region on interface.

DESCRIPTION OF DRAWING(S) - The figure shows perspective view of a wall mounted netpage printer.

Printer (601)

pp; 107 DwgNo 11/68

Title Terms: INTERFACE; SURFACE; PRINT; COMPUTER; SYSTEM; GENERATE; CODE; DATA; BASED; IDENTIFY; DATA; DOCUMENT; DATA; PRINT; INTERFACE; VISIBLE; INFORMATION

Derwent Class: P74; P75; T01; T04

International Patent Class (Main): B41F-031/08; G06F-003/03 ; G06F-003/12

International Patent Class (Additional): B41J-002/21; B41J-005/30;  
B41J-029/38; B41L-027/10; G06F-003/033

File Segment: EPI; EngPI

18/5/12 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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013023547 \*\*Image available\*\*

WPI Acc No: 2000-195398/200017

Related WPI Acc No: 1995-200530; 1996-518986; 1997-310156; 1998-009129;  
1998-110064; 1998-286225; 1999-204782; 1999-444465; 2000-013122;  
2000-194736; 2000-365779; 2000-464989; 2000-490584; 2000-647035;  
2001-022904; 2001-335855; 2001-357503; 2001-374044; 2001-397673;  
2001-425330; 2001-570080; 2001-580828; 2001-581298; 2001-581665;  
2001-595705; 2001-607222; 2002-011177; 2002-041658; 2002-062159;  
2002-082807; 2002-154357; 2002-163681; 2002-179003; 2002-188040;  
2002-205513; 2002-224088; 2002-226224; 2002-235400; 2002-236852;  
2002-238913; 2002-239839; 2002-254659; 2002-256143; 2002-268672;  
2002-315095; 2002-361599; 2002-361694; 2002-370756; 2002-382444;  
2002-391512; 2002-392708; 2002-393501; 2002-394013; 2002-403568;  
2002-405083; 2002-413035; 2002-416925; 2002-435593; 2002-470507;  
2002-479804; 2002-498079; 2002-498923; 2002-507125; 2002-508021;  
2002-528580; 2002-556177; 2002-598923; 2002-636862; 2002-642228;  
2002-654787; 2002-672857; 2002-673567; 2002-691185; 2002-697772;  
2003-045908; 2003-074123; 2003-090293; 2003-137905; 2003-140183;  
2003-174573; 2003-199024; 2003-238411; 2003-266622; 2003-268467;  
2003-275465; 2003-327510; 2003-331365; 2003-353776; 2003-362315;  
2003-391983; 2003-392393; 2003-401297; 2003-418353; 2003-418436;

2003-419904; 2003-465734; 2003-492022; 2003-557490; 2003-577429;  
2003-587433; 2003-597620; 2003-615418; 2003-615425; 2003-655604;  
2003-655616; 2003-655715; 2003-656012; 2003-658647; 2003-659691;  
2003-687554; 2003-707329; 2003-730410; 2003-767701; 2003-777048;  
2003-800216; 2003-800961; 2003-802603; 2003-804783; 2003-829683;  
2003-897231; 2004-031964; 2004-041644; 2004-059015; 2004-059948;  
2004-070353; 2004-098221; 2004-119479; 2004-155399; 2004-179244;  
2004-179245; 2004-303569; 2004-375604; 2004-386915; 2004-487761;  
2004-660515; 2004-698601; 2004-709696; 2004-831629; 2005-079360;  
2005-110869; 2005-171601; 2005-259866; 2005-261577; 2005-381648

XRPX Acc No: N00-144544

**Security document used for discouraging counterfeit and transferring  
machine readable information, includes visible weave-like tiled  
calibration pattern for decoding of digital watermark from scan data**

Patent Assignee: DIGIMARC CORP (DIGI-N); RHOADS G B (RHOA-I)

Inventor: RHOADS G B

Number of Countries: 087 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200007356	A2	20000210	WO 99US14532	A	19990624	200017 B
EP 981113	A2	20000223	EP 99113163	A	19990707	200017
AU 9948367	A	20000221	AU 9948367	A	19990624	200029
KR 2001071067	A	20010728	KR 2001701267	A	20010130	200208
US 20020080995	A1	20020627	US 94215289	A	19940317	200245
			US 96614521	A	19960315	
			US 97967693	A	19971112	
			US 9882228	P	19980416	
			US 98127502	A	19980731	
			US 2001975738	A	20011010	
ZA 200100615	A	20030430	ZA 2001615	A	20010122	200338
JP 2003524911	W	20030819	WO 99US14532	A	19990624	200363
			JP 2000563056	A	19990624	
EP 1444823	A2	20040811	EP 99931962	A	19990624	200458
			WO 99US14532	A	19990624	

Priority Applications (No Type Date): US 98127502 A 19980731; US 94215289 A 19940317; US 96614521 A 19960315; US 97967693 A 19971112; US 9882228 P 19980416; US 2001975738 A 20011010

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200007356	A2	E	30 H04N-000/00
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

EP 981113	A2	E	G07D-007/00
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

AU 9948367	A
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Based on patent WO 200007356

KR 2001071067	A	G06K-009/74
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Cont of application US 94215289

US 20020080995	A1	G06K-009/00
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Cont of application US 96614521

CIP of application US 97967693

Provisional application US 9882228

Div ex application US 98127502

Cont of patent US 5745604

CIP of patent US 6122392

Div ex patent US 6345104

ZA 200100615	A	40 H04N-000/00
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JP 2003524911 W 44 H04N=001/387 Based on patent WO 200007356  
EP 1444823 A2 E H04N-001/00 Based on patent WO 200007356  
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

Abstract (Basic): WO 200007356 A2

NOVELTY - The security document includes a substrate and visible weave-like tiled calibration pattern. The calibration pattern has Fourier-Mellin transform facilitating decoding of digital watermark from scan data. The pattern extends across the document and the pattern and watermark are realized by texturing the document and not by printing.

DETAILED DESCRIPTION - Each 250 micron by 250 micron zone of calibration pattern in the security document has 8 bit grey scale value within 25% of the value of all the zones of the pattern. INDEPENDENT CLAIMS are also included for the following:

- (a) method of producing security document;
- (b) apparatus for use with security document

USE - Security documents such as bank notes, traveler checks, bearer bonds, passports, visa, other immigration documents, stock certificate, postal stamps, lottery tickets, sports/concert tickets etc., have binary data embedded in it for discouraging counterfeiting of security documents. Also used in transferring machine readable information through the documents without alerting human viewers.

ADVANTAGE - The calibration mark in the security document facilitates detection of encoded information notwithstanding possible scaling or rotation of scan data. In passport processing station, responsive to digital watermarking, decoder binary data is used to access database having information concerning passport holder.

DESCRIPTION OF DRAWING(S) - The figure shows virtual array of grid points imposed on security document image.

pp; 30 DwgNo 2/12

Title Terms: SECURE; DOCUMENT; DISCOURAGE; COUNTERFEIT; TRANSFER; MACHINE; READ; INFORMATION; VISIBLE; WEAVE; TILE; CALIBRATE; PATTERN; DECODE; DIGITAL; WATERMARK; SCAN; DATA

Derwent Class: T04; W02

International Patent Class (Main): G06K-009/00 ; G06K-009/74 ;  
G07D-007/00; H04N-000/00; H04N-001/00; H04N-001/387

International Patent Class (Additional): G06T-001/00

File Segment: EPI

18/5/13 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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012114427 \*\*Image available\*\*

WPI Acc No: 1998-531339/199845

XRPX Acc No: N98-414617

Device to align production image with reference image for printing press - captures reference image and production image and converts to monochrome images

Patent Assignee: GOSS GRAPHIC SYSTEMS INC (GOSS-N)

Inventor: NEMETH R; WANG X

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5812705	A	19980922	US 95395948	A	19950228	199845 B
			US 97867278	A	19970602	

Priority Applications (No Type Date): US 95395948 A 19950228; US 97867278 A 19970602

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 5812705 A 27 G06K-009/32 Cont of application US 95395948

Abstract (Basic): US 5812705 A

The device has a four channel sensor to detect energy reflected from a paper web in the visible and the infrared regions. The system has a colour video camera or sensor with three channels to detect ink attributes from a printed sheet in the visible region. The sensed information is sent to a computer with display for storage and processing.

A black/white second video camera with filter, senses ink attributes in the infrared region of wave length greater than the visible light wave length. It transmits the sensed information from the sheet to be processed by the computer. The computer compares the two images to detect variation of ink distribution for the colour and black inks. The differences are used to provide ink adjustment for the press control.

USE - For adjustment of ink input rate in lithographic/letterpress, ink consistency in flexographic or gravure press, water input rate in lithographic press, temperature.

ADVANTAGE - Exact alignment.

Dwg.13/19

Title Terms: DEVICE; ALIGN; PRODUCE; IMAGE; REFERENCE; IMAGE; PRINT ;  
PRESS; CAPTURE; REFERENCE; IMAGE; PRODUCE; IMAGE; CONVERT; MONOCHROME;  
IMAGE

Derwent Class: P74; S06; T01

International Patent Class (Main): G06K-009/32

International Patent Class (Additional): B41F-015/04

File Segment: EPI; EngPI

18/5/14 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011503766 \*\*Image available\*\*

WPI Acc No: 1997-481680/199745

XRPX Acc No: N97-401502

Processing of super-imposed information - has non-visible bar code over visible printed on alpha numeric characters with bar code read by optical sensor

Patent Assignee: ANITRA MEDIENPROJEKTE GMBH (ANIT-N)

Inventor: BOCK W

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19612406	A1	19971002	DE 1012406	A	19960328	199745 B
DE 19612406	C2	20000120	DE 1012406	A	19960328	200008

Priority Applications (No Type Date): DE 1012406 A 19960328

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 19612406 A1 7 G06K-019/08

DE 19612406 C2 G06K-019/08

Abstract (Basic): DE 19612406 A

Information is presented in basic form as printed letters (1).

In parallel with this is a bar code (1) that is not normally visible . The bar code is read with the aid of an optical probe (2) that has

an emitter (4) that outputs modulated light in the ultraviolet spectrum. This activates a fluorescent component in the **printed** bar code and light is reflected back to be received by a light **sensor** (7).

USE/ADVANTAGE - Information coding of products. Allows bar code to be superimposed on **printed** information.

Dwg.1/2

Title Terms: PROCESS; SUPER; IMPOSE; INFORMATION; NON; VISIBLE; BAR; CODE; VISIBLE; **PRINT**; ALPHA; NUMERIC; CHARACTER; BAR; CODE; READ; OPTICAL; SENSE

Derwent Class: T04

International Patent Class (Main): G06K-019/08

International Patent Class (Additional): G06K-009/18

File Segment: EPI

18/5/15 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010702724 \*\*Image available\*\*

WPI Acc No: 1996-199679/199620

XRXPX Acc No: N96-167603

Sequentially reading indicia system using e.g. bar code scanners reading codes printed in visible and invisible inks - has device for switching from first to second reading devices so that first and second indicia portion appear to human observer viewing those indicia to move

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: AUSLANDER J D; BERSON W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5502304	A	19960326	US 94347631	A	19941201	199620 B

Priority Applications (No Type Date): US 94347631 A 19941201

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5502304	A	10	G06K-007/12	

Abstract (Basic): US 5502304 A

The system includes a device for reading a first indicia that is **printed** on an object with a ink that is visible to the human eye by reflected light. A device is provided for reading a second indicia that is placed on top of the first indicia. The second indicia is similar in appearance to the first indicia but differs from the first indicia and the second indicia is made of a luminescent ink that is invisible to the human eye.

The system also incorporates a device for switching from the first reading device to the second reading device so that the first and second indicia or a portion of the first and second indicia appear to a human observer viewing the first and second indicia to move. The first reading device includes a first light source that emits incident light that is reflected from the first indicia; and a first **detector** that reads the reflected light.

USE/ADVANTAGE - As bar **code** reader reading luminescent **invisible** ink. Hard to make forgery copy, for preventing unauthorised use of **documents** to which bar codes have been affixed.

Dwg.3/6

Title Terms: SEQUENCE; READ; INDICIA; SYSTEM; BAR; CODE; SCAN; READ; CODE; **PRINT**; VISIBLE; INVISIBLE; INK; DEVICE; SWITCH; FIRST; SECOND; READ;

DEVICE; SO; FIRST; SECOND; INDICIA; PORTION; APPEAR; HUMAN; OBSERVE; VIEW  
; INDICIA; MOVE  
Derwent Class: T04  
International Patent Class (Main): G06K-007/12  
International Patent Class (Additional): G06K-007/14  
File Segment: EPI

18/5/16 (Item 14 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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009996711 \*\*Image available\*\*  
WPI Acc No: 1994-264422/199432  
XRPX Acc No: N94-208009

**Special original document discriminator for image processing appts. -  
uses detector , e.g. CCD to sense invisible image data in form  
of infrared or ultraviolet images and determines whether original is  
special accordingly**

Patent Assignee: RICOH KK (RICO )  
Inventor: HASHIGUCHI T; SAKAI H; UKAI T  
Number of Countries: 004 Number of Patents: 008  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9417623	A1	19940804	WO 94JP100	A	19940126	199432	B
JP 6284283	A	19941007	JP 93254707	A	19930917	199445	
GB 2281392	A	19950301	WO 94JP100	A	19940126	199512	
			GB 9419291	A	19940923		
DE 4490351	T	19950413	DE 4490351	A	19940126	199520	
			WO 94JP100	A	19940126		
GB 2281392	B	19961106	WO 94JP100	A	19940126	199648	
			GB 9419291	A	19940923		
US 5602939	A	19970211	WO 94JP100	A	19940126	199712	
			US 94307576	A	19940926		
DE 4490351	C2	20011213	DE 4490351	A	19940126	200201	
			WO 94JP100	A	19940126		
JP 3369269	B2	20030120	JP 93254707	A	19930917	200309	

Priority Applications (No Type Date): JP 93254707 A 19930917; JP 9332703 A 19930128

Cited Patents: EP 493961; JP 4316274; US 930706

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9417623	A1	J 23	H04N-001/40	
			Designated States (National): DE GB US	
JP 6284283	A	10	H04N-001/40	
GB 2281392	A	31	H04N-001/40	Based on patent WO 9417623
DE 4490351	T	1	G07D-007/00	Based on patent WO 9417623
GB 2281392	B	1	H04N-001/40	Based on patent WO 9417623
US 5602939	A	12	G06K-009/00	Based on patent WO 9417623
DE 4490351	C2		G07D-007/00	Based on patent WO 9417623
JP 3369269	B2	11	H04N-001/40	Previous Publ. patent JP 6284283

Abstract (Basic): WO 9417623 A

The discriminator includes a **detector** for **sensing** an invisible image which is formed **form** a colourless **invisible** coating. The **detector** **senses** image **data** and uses it to determine if the original is special or not.

The image reader having the special original **detector** pref. **senses** infrared or ultraviolet images using a CCD image **sensor** . A

switching filter may be used in order to detect and read red, green and blue separately.

USE/ADVANTAGE - For colour copier or printer . Differentiates between copy of paper money and actual paper money, valuable papers etc., and prohibits copying.

Dwg.1/10

Title Terms: SPECIAL; ORIGINAL; DOCUMENT; DISCRIMINATE; IMAGE; PROCESS; APPARATUS; DETECT ; CCD; SENSE ; INVISIBLE; IMAGE; DATA; FORM; INFRARED ; ULTRAVIOLET; IMAGE; DETERMINE; ORIGINAL; SPECIAL; ACCORD

Derwent Class: P82; P83; P84; S06; W02

International Patent Class (Main): G06K-009/00 ; G07D-007/00; H04N-001/40

International Patent Class (Additional): G03B-027/52; G03C-005/08;

G03G-021/04; G06F-015/62 ; G06F-015/64 ; G06K-009/28 ; H04N-001/48

File Segment: EPI; EngPI

18/5/17 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009787647 \*\*Image available\*\*

WPI Acc No: 1994-067500/199409

XRPX Acc No: N94-052848

Sheet processor for printer or facsimile producing high resolution image - shows editing data in window at same position as part of print information to be edited

Patent Assignee: HITACHI LTD (HITA )

Inventor: MIYASAKA T; NAKAMURA K; UMEDA T

Number of Countries: 006 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 585000	A2	19940302	EP 93306319	A	19930810	199409	B
JP 6067141	A	19940311	JP 92222506	A	19920821	199415	
JP 6068226	A	19940311	JP 92222507	A	19920821	199415	
EP 585000	A3	19940608	EP 93306319	A	19930810	199526	
US 5515144	A	19960507	US 93109644	A	19930820	199624	

Priority Applications (No Type Date): JP 92222507 A 19920821; JP 92222506 A 19920821

Cited Patents: No-SR.Pub; 2.Jnl.Ref; EP 232905; EP 366399; EP 497178; JP 1221284; JP 63284663; US 5113492

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 585000 A2 E 29 H04N-001/00

Designated States (Regional): DE FR GB NL

US 5515144 A 26 G03G-015/14

JP 6067141 A G02F-001/13

JP 6068226 A G06F-015/62

EP 585000 A3 H04N-001/00

Abstract (Basic): EP 585000 A

The sheet processor includes a recording sheet for printed information. A memory (1) stores print data corresp. to the print information. An editing unit (5) inputs editing data, and part of the print data is edited when the editing data is input to an editing display (6). A support holds a recording sheet such that the print information is visible in a window (4).

The editing display is associated with the window. It displays the editing data at a selected part of the window corresp. to a part of the print information. The editing display is a liquid crystal display,

or a CRT display. The editing display is located below the support. One recording sheet is translucent or transparent.

ADVANTAGE - Alternative to wordprocessor and printer. Avoids need to re-enter editing data. Can detect if sheet is stained. Quick input of editing data.

Dwg.1/21

Title Terms: SHEET; PROCESSOR; PRINT ; FACSIMILE; PRODUCE; HIGH;  
RESOLUTION; IMAGE; SHOW; EDIT; DATA; WINDOW; POSITION; PART; PRINT ;  
INFORMATION; EDIT

Derwent Class: P75; P81; P84; W02

International Patent Class (Main): G02F-001/13; G03G-015/14; G06F-015/62 ;  
H04N-001/00

International Patent Class (Additional): B41J-003/46; G02F-001/1333;  
G03G-015/00; G03G-015/18; G03G-015/22; H04N-001/387

File Segment: EPI; EngPI

18/5/18 (Item 16 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009198315 \*\*Image available\*\*

WPI Acc No: 1992-325747/199240

XRPX Acc No: N92-248992

Colour copying machine with integral feature for preventing forgery - has  
discriminator circuit which compares similarities between inputted image  
data and specific image data previously prepared

Patent Assignee: CANON KK (CANO )

Inventor: KOMAKI Y; UDAGAWA Y

Number of Countries: 008 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 506479	A2	19920930	EP 92302753	A	19920327	199240	B
JP 4302267	A	19921026	JP 9166903	A	19910329	199249	
CA 2064260	A	19920930	CA 2064260	A	19920327	199251	
JP 5083548	A	19930402	JP 91245387	A	19910925	199318	
JP 5091294	A	19930409	JP 91252217	A	19910930	199319	
EP 506479	A3	19930428	EP 92302753	A	19920327	199401	
EP 506479	B1	19970212	EP 92302753	A	19920327	199712	
DE 69217403	E	19970327	DE 617403	A	19920327	199718	
			EP 92302753	A	19920327		
US 5621503	A	19970415	US 92858072	A	19920326	199721	
			US 94209373	A	19940314		
US 5790932	A	19980804	US 92858072	A	19920326	199838	
			US 94209373	A	19940314		
			US 97780358	A	19970108		
CA 2064260	C	19991214	CA 2064260	A	19920327	200018	
JP 3298900	B2	20020708	JP 9166903	A	19910329	200247	

Priority Applications (No Type Date): JP 91252217 A 19910930; JP 9166903 A 19910329; JP 91245387 A 19910925

Cited Patents: No-SR.Pub; 2.Jnl.Ref; EP 312301; EP 335232; EP 342060; JP 1061777; JP 61246773; US 4270146; US 4723129; US 4723149; US 4908873

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 506479 A2 E 36 G03G-021/00

Designated States (Regional): DE FR GB IT NL

JP 4302267 A 8 H04N-001/387

CA 2064260 A G06F-015/72

JP 5083548 A H04N-001/40

JP 5091294 A HO4N-001/387  
 EP 506479 A3 G03G-021/00  
 EP 506479 B1 E 30 G03G-021/00  
 Designated States (Regional): DE FR GB IT NL  
 DE 69217403 E G03G-021/00 Based on patent EP 506479  
 US 5621503 A 32 G03G-021/00 Cont of application US 92858072  
 US 5790932 A G03G-021/00 Cont of application US 92858072  
 Div ex application US 94209373  
 Div ex patent US 5621503  
 CA 2064260 C E G06K-009/36  
 JP 3298900 B2 8 HO4N-001/387 Previous Publ. patent JP 4302267

Abstract (Basic): EP 506479 A

The appts. has a main CPU (100) for overall control, connected to printer and reader CPUs (102,104), a main image processor (106) for displaying an image, a user input port (108), a banknote paper detector (120) and an image pattern generator (122). In operation, a signal denoting the manufacturer's serial number is generated in the pattern generator in response to a signal detected by the banknote detector .

The serial number signal and the binary coded image signal are synthesised (124) with the result that the appts. used to copy banknote paper can be **detected** from the image of the specific original document, e.g. banknote paper.

**USE/ADVANTAGE** - Esp. in reproduction of multi-colour documents.  
Restrains operators from copying specific original documents.

Dwg. 4/25

Title Terms: COLOUR; COPY; MACHINE; INTEGRAL; FEATURE; PREVENT; FORGE;  
DISCRIMINATE; CIRCUIT; COMPARE; IMAGE; DATA; SPECIFIC; IMAGE; DATA;  
PREPARATION  
Derwent Class: P78; P83; P84; S06; T04  
International Patent Class (Main): G03G-021/00; G06F-015/72 ; G06K-009/36  
; H04N-001/387; H04N-001/40  
International Patent Class (Additional): B44F-001/12; G03C-005/08;  
G03G-005/08; G03G-015/01; G06F-003/12 ; G06F-007/04 ; G06F-015/66 ;  
G06F-015/70 ; G06K-015/00 ; G06T-001/00; H04N-001/46  
File Segment: EPI: EngPI

18/5/19 (Item 17 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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001697540  
WPI Acc No: 1977-D4020Y/197717  
**Credit card with data invisible to naked eye - uses multilayered card  
with holographic data only visible when placed in optical reader**  
Patent Assignee: INITEC GMBH (UNIT-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No      Kind      Date      Applicat No      Kind      Date      Week  
DE 2545799      A      19770421                     197717      B

Priority Applications (No Type Date): DE 2545799 A 19751013

Abstract (Basic): DE 2545799 A

An identify or credit card contains a thin film containing identification details in a form invisible to the naked eye. These details are only visible when located in an optical reading device. The multi-layer constructed card has two transparent layers (1, 2) that

sandwich a sheet (3) containing printed data that is visible to the naked eye. This data is typically the name of the holder and the name of the banking institution.

A top foil (4) is bonded onto the transparent layer and contains the signature of the holder. An intermediate layer (6) of a photographic sensitive material e.g. silver halogenide, contains the holders name etc, in holographic form that is only visible when inserted in a reader and subjected to suitable light source.

Title Terms: CREDIT; CARD; DATA; INVISIBLE; NAKED; EYE; MULTILAYER; CARD; HOLOGRAM; DATA; VISIBLE; PLACE; OPTICAL; READ

Derwent Class: P78; P84; T04

International Patent Class (Additional): B44F-001/12; G03H-001/00;  
G06K-017/00 ; G06K-019/06

File Segment: EPI; EngPI

18/5/20 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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001344140

WPI Acc No: 1975-N8080W/197552

Clocking-on recorder for hourly paid employees - has lamp and photosensor, transmits details to memory when printing on inserted card

Patent Assignee: INT TIME RECORDING (ITTI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 3927302	A	19751216			197552	B

Priority Applications (No Type Date): US 73329385 A 19730205

Abstract (Basic): US 3927302 A

Information in the form of visible alpha-numeric characters, representing the day and time is printed on the card by a print mechanism actuated on insertion of the card into the time recorder. The time recorder is provided with sensing means which, simultaneously with the actuation of the print mechanism, senses pre-recorded data in a selected region of the card and causes an electrical signal representing the pre-recorded data to be fed to a data storing bank together with signals representing the information being applied to the card. The sensing means operates by sensing light which passes through holes punched in the card.

Title Terms: CLOCK; RECORD; HOUR; PAY; EMPLOY; LAMP; PHOTOSENSOR; TRANSMIT; DETAIL; MEMORY; PRINT ; INSERT; CARD

Derwent Class: T04

International Patent Class (Additional): G06K-001/12 ; G06K-007/10 ;  
G06K-019/00

File Segment: EPI